

Title (en)
HERBICIDAL SULPHONYLAMINO(THIO)CARBONYL COMPOUNDS

Title (de)
HERBIZIDE SULFONYLAMINO(THIO)CARBONYLVERBINDUNGEN

Title (fr)
COMPOSES DE SULFONYLAMINO(THIO)CARBONYLE HERBICIDES

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Application
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Abstract (en)

[origin: DE19525162A1] The invention concerns novel sulphonylamino(thio)carbonyl compounds of formula (I) in which: A stands for a single bond, oxygen, sulphur or the N-R group, R standing for hydrogen, alkyl, alkenyl, alkynyl or cycloalkyl; Q stands for oxygen or sulphur; R<1> stands for hydrogen, formyl or for in each case optionally substituted alkyl, alkenyl, alkynyl, alkylcarbonyl, alkoxy carbonyl, alkylsulphonyl, cycloalkyl, cycloalkylcarbonyl or cycloalkylsulphonyl; R<2> stands for cyano, halogen or for in each case optionally substituted alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy or alkynyloxy; and R<3> stands for in each case optionally substituted heterocyclyl with 5 ring members, of which at least one can be oxygen, sulphur or nitrogen, and between one and three further ring members can be nitrogen; as well as salts of compounds of formula (I), the previously known compounds 4,5-dimethoxy-2-(2,5-dimethoxy-phenyl-sulphonylamino carbonyl)-2,4-dihydro-3H-1,2,4-triazol-3-one, 4,5-diethoxy-2-(2,5-dimethoxy-phenylsulphonylamino carbonyl)-2,4-dihydro-3H-1,2,4-triazol-3-one and N-(2,5-dimethoxy-phenylsulphonyl)-1,5-dimethyl-1H-pyrazole-3-carboxamide being excluded by disclaimers. The invention further concerns processes and novel intermediate products for preparing the novel substances and their use as herbicides.

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